

IN THE CLAIMS:

Claims 1-87 (Previously canceled)

Claims 88-92 (Canceled)

Claim 93 (Previously Presented): A terminal device for managing a copyright of data

which is supplied as encrypted data from a database to a user, said terminal device comprising:

means for requesting use of said data by presenting a primary user information of the terminal device to said database;

means for receiving the encrypted data encrypted using a first secret-key together with the first secret-key and a second secret-key from the database;

means for decrypting said encrypted data to decrypted data using the first secret-key when the encrypted data is displayed;

means for encrypting the displayed data to re-encrypted data using the second secret-key; and

means for adding the primary user information to the re-encrypted data.

Claim 94 (Currently Amended): The terminal device according to claim 93, wherein

said means for [re-]encrypting comprises means for encrypting said displayed data to re-encrypted data when said displayed data is stored, copied or transferred.

Claim 95 (Previously Presented): A terminal device for managing a copyright of data

which is supplied as encrypted data from a database to a user, said terminal device comprising:

means for requesting the use of said data by presenting a primary user information of the terminal device to said database;

means for receiving the encrypted data encrypted using a first secret-key together with the first secret-key and a second secret-key from the database;

means for decrypting said encrypted data to decrypted data using the first secret-key when the encrypted data is processed;

means for encrypting the processed data to re-encrypted data using the second secret-key; and

means for adding the primary user information to the re-encrypted data.

Claim 96 (Currently Amended): The terminal device according to claim 95, wherein

said [re-encrypting] means for encrypting comprises means for [encrypts] encrypting said processed data to re-encrypted data when said processed data is stored, copied or transferred.

Claims 97-98 (Canceled)

Claim 99 (Currently Amended): A terminal device for communicating with a copyright management system which

manages a copyright of data which is supplied as encrypted data from a database to a user,
said terminal device comprising:

means for receiving a first secret-key and a second secret-key from the copyright management system;

means for receiving encrypted data via a network, a satellite or a storage medium;

means for decrypting said encrypted data to decrypted data by using said first secret-key when said encrypted data is displayed; and

re-encrypting means for encrypting said displayed data to re-encrypted data by using said second secret-key;

[The terminal device according to claims 88, further comprising:]

means for disposing the first secret-key and the second secret-key when the re-encrypted data is copied or transferred; and

means for requesting a retransfer of the second secret-key for using re-encrypted data by presenting the primary user information of the terminal device to the copyright management system so that the second secret-key is retransferred;[.]

wherein the copying or transferring of said re-encrypted data is registered in the copyright management system according to the retransfer of said second secret-key.

Claim 100 (Currently Amended): The terminal device according to claim 99, further comprising:

means for requesting the use of said re-encrypted data to the copyright management system by presenting the primary user information which was added to the re-encrypted data when the re-encrypted data is used as a secondary user; and

means for receiving a second secret-key and a third secret-key from the copyright management system,

wherein the [decrypting] means for decrypting comprises means for [decrypts] decrypting said re-encrypted data using the second secret-key when the re-encrypted data is displayed or processed, wherein the encrypting means comprises means for re-encrypting[s] the displayed or processed data using a third secret-key when the displayed or processed data is stored, copied or transferred[;] and

[the adding] means for adding [adds] a secondary user information to the re-encrypted data.

Claims 101-107 (Canceled)

Claim 108 (Previously Presented): A data copyright management system for managing the copyright of data which is supplied as encrypted data from a database to a user, said data copyright management system comprising:

a database;

a key control center; and

a copyright management center,

wherein the database includes means for distributing encrypted data in which data was encrypted by a first secret-key to a primary user terminal via a communication network, a satellite or a storage medium, and

wherein the key control center includes:

means for receiving a request of use presenting a primary user information from the primary user terminal;

means for transferring the primary user information to the copyright management center;

means for transferring a copyright management program together with the first secret-key for decrypting the encrypted data and the second secret-key for re-encrypting decrypted data, to the primary user terminal via the communication network; and

means for receiving a retransfer request of the second secret-key for re-using the re-encrypted data from the primary user terminal.

Claim 109 (Previously Presented): A data copyright management system for managing the copyright of data which is supplied as encrypted data from a database to a user, said data copyright management system comprising:

a database; and

a copyright management center,

wherein the database includes means for distributing encrypted data in which data was encrypted by a first secret-key to a primary user terminal via a communication network, a satellite or a storage medium, and

wherein the copyright management center includes:

means for receiving a request of use presenting a primary user information from the primary user terminal;

means for transferring a copyright management program together with the first secret-key for decrypting the encrypted data and the second secret-key for re-encrypting the decrypted data, to the primary user terminal via the communication network; and

means for receiving a request of re-transfer of the second secret-key for re-using the re-encrypted data from the primary user terminal.

Claim 110 (Canceled)

Claim 111 (Currently Amended): [The data copyright management system according to claim 110, wherein the copyright management center further comprises]

A data copyright management system for managing

the copyright of data which is supplied as encrypted data from a database to a user, said data copyright management system comprising:

a database; and

a copyright management center,

wherein the database includes:

means for receiving a request of use presenting a primary user information from the primary user terminal;

means for transferring the first secret-key for encrypting the requested data by the first secret-key and decrypting the encrypted data, the second secret-key for re-encrypting the decrypted data and a copyright management program, to the primary user terminal via the communication network;

means for transferring the primary user information to the copyright management center

means for receiving a request of retransfer of the second secret-key for re-using the re-encrypted data from the primary user terminal.

Claim 112 (Previously Presented): The data copyright management system according to claim 108, 109, or 111, wherein the copying or transferring of said re-encrypted data is registered in the copyright management system according to the retransfer of said second secret-key.

Claim 113 (Previously Presented): The data copyright management system according to claim 112, wherein the copyright management center further comprises:
means for receiving a request of use presenting a primary user information from a secondary user terminal; and

means for transferring said second secret-key, a third secret-key and said copyright control program to said secondary user terminal.

Claim 114 (Previously Presented): A data copyright management method for managing data which is supplied as encrypted data from a database to a user, executed in a data copyright management system which includes a database, a key control center and a copyright management center, said data copyright management method comprising:

the database executing distributing encrypted data in which data was encrypted by a first secret-key to a primary user terminal via a communication network, a satellite or a storage medium; and

the key control center executing:

receiving a request of use presenting a primary user information from the primary user terminal;

transferring the primary user information to the copyright management center;

transferring a copyright management program together with the first secret-key for decrypting the encrypted data and the second secret-key for re-encrypting the decrypted data to the primary user terminal via the communication network; and

receiving a request of retransfer of the second secret-key for re-using the re-encrypted data from the primary user terminal.

Claim 115 (Previously Presented): A data copyright management method for managing data which is supplied as encrypted data from a database to a user, executed in a data copyright management system which includes a database and a copyright management center, said data copyright management method comprising:

the database executing distributing encrypted data in which data was encrypted by a first secret-key to a primary user terminal via a communication network, a satellite or a storage medium; and

the copyright management center executing:

receiving a request of use presenting a primary user information from the primary user terminal;

transferring the primary user information to the copyright management center;

transferring a copyright management program together with the first secret-key for decrypting the encrypted data and the second secret-key for re-encrypting the encrypted data, to the primary user terminal via the communication network; and

receiving a request of retransfer of the second secret-key for re-using the re-encrypted data from the primary user terminal.

Claims 116-121 (Canceled)